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			Applications	s, Vol. 5, pp. 4	19-56	(2000).				
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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### INFORMATION DISCLOSURE CITATION

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		02/10/02	4		155	150	11/02/00	
VS	6,349,210	02/19/02	Li Li		455	450	11/03/00	
VE	6,349,091	02/19/02 12/04/01		inci et el	370 375	238	11/07/00	
<u> </u>	6,327,300 6,304,556	10/16/01	Haas	issi et al.	370	254	08/24/98	
112	6,285,892	09/04/01		s yalkar	455	574	11/24/98	
202	6,275,707	08/14/01		d et al.	455	456	10/08/99	
1/2	6,249,516	06/19/01		wnrigg et al.	370	338	01/27/00	
VS	6,246,875	06/12/01		zholtz et al.	455	432	03/26/99	
211	6,240,294	05/29/01	_	nilton et al.	455	456	05/30/97	
27	6,229,796	05/08/01	Dent		370	355	11/05/98	
20	6,223,240	04/24/01	Ode	nwald et al.	710	129	01/31/00	
20	6,208,870	03/27/01	Lore	ello et al.	455	466	06/01/99	
VΣ	6,192,230	02/20/01		Bokhorst et al.	455	343	09/27/93	
VS	6,192,053	02/20/01		elico et al.	370	448	09/07/95	
Λζ	6,178,337	01/23/01		rtz et al.	455	561	06/19/97	
NT	6,163,699	12/19/00		r et al.	455	453	09/15/97	
VS	6,147,975	11/14/00		man-Amuah	370	252	06/02/99	
US	6,132,306	10/17/00		npower	453	11.1	03/29/96	
VS	6,130,881	10/10/00	Still	er et al.	370	238	04/20/98	
115	6,128,500	10/03/00	Rag	havan et al.	455	453	12/19/97	
20	6,122,690	09/19/00	Nan	netti et al.	710	102	04/17/98	
2/1	6,115,580	09/05/00	Chu	prun et al.	455	1	09/08/98	
VS	6,108,738	08/22/00	Cha	mbers et al.	710	113	06/10/97	
NZ	6,104,712	08/15/00	Rob	ert et al.	370	389	02/22/99	
VS	6,078,566	06/20/00	Kiki	nis	370	286	04/28/98	
1/5	6,067,291	05/23/00		nerman et al.	370	338	09/23/97	
211	6,064,626	05/16/00	Steve		365	233	07/31/98	
72	6,052,752	04/18/00	Kwo		710	126	11/14/96	
VS	6,052,594	04/18/00		ang et al.	455	450	04/30/97	
20	6,047,330	04/04/00		cke Jr.	709	238	01/20/98	
VS	6,044,062	03/28/00		wnrigg et al.	370	238	12/06/96	
27	6,034,542	03/23/00		geway	326	39	10/14/97	
	6,029,217	02/22/00		nilli et al.	710	107	10/14/97	
24			Haar		370	338	06/06/97	
NZ	6,028,853	02/22/00				<del></del>		
V2	5,991,279	12/23/99		gli et al.	370	311	12/04/96	
is	5,987,033	11/16/99		r et al.	370	445	09/08/97	
NS	5,987,011	11/16/99	Toh		370	331	08/30/96	
VS.	5,943,322	08/24/99		or et al.	370	280	04/24/96	
tr	5,936,953	08/10/99	Sim	mons	370	364	12/18/97	



# Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

### INFORMATION DISCLOSURE CITATION

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10	5 000 551	06/01/00			455	1466	05/05/07	
<u> </u>	5,909,651	06/01/99		nder et al.	455	466	05/05/97	
ÜΣ	5,903,559	05/11/99		arya et al.	370	355	12/20/96	
US	5,896,561	04/20/99	<del></del>	ader et al.	455	67.1	12/23/96	
V≤ V ∈	5,886,992	03/23/99 03/09/99	-	ikainen et al.	370	410	04/15//97	
VS	5,881,372	<del></del>	Kruy		455	113	12/01/95	
<u> </u>	5,881,095	03/09/99	Cado		375	202	05/01/97	
VS.	5,877,724	03/03/99 02/09/99	Davi		342	357	03/25/97	
20	5,870,350			in et al.	365	233	05/21/97	
- <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	5,857,084	01/05/99	Klei	<del></del>	395	309	10/02/96	
NZ NZ	5,845,097	12/01/98		g et al.	395 370	297 443	06/03/96	
	5,844,905	12/01/98		Lay et al.	370	315	07/09/96	
20	5,822,309	10/13/98 09/15/98		noglu et al.	711	115	06/15/95	
VS	5,809,518		Lee Hill	ot ol	<del></del>	31.3	05/20/96	
	5,805,977	09/08/98	$\overline{}$		455	<del></del>	04/01/96	
<u> </u>	5,805,842	09/08/98		arajet al.	395	306	09/26/95	
VS_	5,805,593	09/08/98	Busc	· · · · · · · · · · · · · · · · · · ·	370 370	396	09/26/95	
VS	5,796,741	08/18/98		o et al. zola et al.	370	439 362	03/05/96	
20	5,796,732 5,794,154	08/18/98	<del></del>	On et al.	455	509	07/26/96	
72		08/11/98			370	348	06/03/96	
27/	5,787,080	07/14/98		alkar et al.	370	321	06/30/95	
	5,781,540 5,774,876	06/30/98	+	ley et al.	705	28	06/26/96	
20	5,745,483	04/28/98		agawa et al.	370	335	09/29/95	
US	5,717,689	02/10/98		noglu	370	349	10/10/95	
UC I	5,706,428	01/06/98	<del></del>	et al.	395	200	03/14/96	
<del>1</del>	5,701,294	12/23/97		d et al.	370	252	10/02/95	
	5,696,903	12/09/97	Mah		395	200.58	04/29/94	
7/5				th et al.	375	283	04/22/93	
1/2	5,687,194	11/11/97			·	<del></del>	<del></del>	
NS	5,684,794	11/04/97	<del></del>	z et al.	370	337	01/25/96	
VS	5,680,392	10/21/97	Sem		370	261	01/16/96	
NZ	5,652,751	07/29/97	Shar		370	227	03/26/96	
NZ	5,644,576	07/01/97	Baud	hot et al.	370	437	05/16/95	
US	5,631,897	05/20/97	Pach	eco et al.	370	237	10/01/93	
2.(1	5,627,976	05/06/97	McF	arland et al.	395	308	03/20/95	
20	5,623,495	04/22/97	Eng	et al.	370	397	06/15/95	
<del>- 1/2  </del>	5,621,732	04/15/97	Osav	· · · · · · · · · · · · · · · · · · ·	370	79	04/18/95	
<u> 1/2</u>	5,618,045	04/08/97	1	an et al.	463	40	02/08/95	
V2 -	5,615,212	03/25/97	<del></del>	czyk et al.	370	433	09/11/95	



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE
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### INFORMATION DISCLOSURE CITATION

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		U.S. Pa	atent Documents			
	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
- 1/2	5 572 529	11/05/06	Ch	370	85.13	03/20/95
<u> </u>	5,572,528	11/05/96	Shuen			<del></del>
VS	5,555,540	09/10/96	Radke	370	16.1	02/17/95
V S	5,555,425	09/10/96	Zeller et al.	395	800	03/07/90
VS .	5,517,491	05/14/96	Nanni et al.	370	29	05/05/95
US	5,502,722	03/26/96	Fulghum	370	69.1	08/01/94
کل	5,424,747	06/13/95	Chazelas	342	70	04/09/93
VS	5,412,654	05/02/95	Perkins	370	94.1	01/10/94
US	5,392,450	02/21/95	Nossen	455	12.1	01/08/92
VS.	5,317,566	05/31/94	Joshi	370	60	08/18/93
VS.	5,241,542	08/31/93	Natarajan et al.	370	95.3	08/23/91
VS	5,233,604	08/03/93	Ahmadi et al.	370	60	04/28/92
20	5,231,634	07/27/93	Giles et al.	370	95.1	12/18/91
VS.	5,068,916	11/26/91	Harrison et al.	455	39	10/29/90
2.7	5,034,961	07/23/91	Adams	375	130	06/03/88
VS	4,910,521	03/20/90	Mellon	342	45	08/03/31
20	4,747,130	05/24/88	Но	379	269	12/17/85
US	4,742,357	05/03/88	Rackley	342	457	09/17/86
VS	4,736,371	04/05/88	Tejima et al.	370	95	12/29/86
VS.	4,617,656	10/14/86	Kobayashi et al.	370	74	01/02/86
20	4,494,192	01/15/85	Lew et al.	364	200	07/21/82

Published U.S. Patent Application

	Pub. No.	Pub. Date	Patentee	Class	Sub- class	Filing Date
20	2001/0053699	12/20/01	McCrady et al.	455	513	02/06/01

Foreign Patent Documents or Foreign Patent Applications

	Document	Publication	Country or		Sub-	Translation	
:	No.	Date	Patent Office	Class	class	Yes	No
115	EP 0513841 A2	11/19/92	EPO			x	
110	EP 0513841 A3	11/19/92	EPO			X	
116	EP 0924890 A2	06/23/99	EPO			X	
217	EP 0627827 A2	12/07/94	EPO			X	
20	WO 9912302	03/11/99	WIPO			X	
1)-5	WO 9839936	09/11/98	WIPO			X	



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20		O 9724005	07/03/97	WI		X			
<u> </u>		O 9608884	03/21/96	WI		X			
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20		O 0137481 O 0135567	05/25/01 05/17/01	WI		$\frac{1}{X}$			
110		O 01333770	05/17/01	WI		$\frac{\lambda}{x}$	+		
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V 1		2683326	07/05/93		nce		X		
2V VS VS		Personal Con Wong et al., IEEE Journa Andras G. V 1999, ACM Richard Nor Comparison 1999, 2 <sup>nd</sup> An	Author, Title, Date, Place (e.g. Journal) of Publication  Wong et al., "Soft Handoffs in CDMA Mobile Systems", December 1997, IEEE Personal Communications  Wong et al., "A Pattern Recognition System for Handoff Algorithms", July 2000, IEEE Journal on Selected Areas in Communications, vol. 18, no. 7  Andras G. Valko, "Cellular IP: A New Approach to Internet Host Mobility", January 1999, ACM Computer Communication Review  Richard North, Dale Bryan and Dennis Baker, "Wireless Networked Radios: Comparison of Military, Commercial, and R&D Protocols", February 28-March 3, 1999, 2 <sup>nd</sup> Annual UCSD Conference on Wireless Communications, San Diego CA						
2 <i>U</i>		Mendoza and Navigation:	Benjamin B. Peterson, Chris Kmiecik, Richard Hartnett, Patrick M. Thompson, Jose Mendoza and Hung Nguyen, "Spread Spectrum Indoor Geolocation", August 1998, Navigation: Journal of the Institute of Navigation, vol. 45, no. 2, summer 1998  Josh Broch, David A. Maltz, David B. Johnson, Yih-Chun Hu and Jorjeta Jetcheva,						
21		"A Performa Protocols", ( International C. David Yo	'A Performance Comparison of Multi-Hop Wireless Ad Hoc Network Routing Protocols", October 25-30, 1998, Proceedings of the 4 <sup>th</sup> Annual ACM/IEEE International Conference on Mobile Computing and Networking  C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA						
77		Slot Assignm	nent Protocol"						
20		Chip Elliott     IEEE	Chip Elliott and Bob Heile, "Self-Organizing, Sef-Healing Wireless Networks", 2000 IEEE						

(X %)			
OEMARK			
Form PTO-1449 U.S. DEPARTMENT OF COMMERCE	ATTY, DOCKET NO.	SERIAL NO.	
PATENT AND TRADEMARK OFFICE	42515	10/022,281	
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(Use several sheets if necessary)	FILING DATE December 20, 2001	GROUP 2631	رب

	Other Documents (including Author, Title, Date, Pertinent Pages, etc.
	Q
NZ	J.J. Garcia-Luna-Aceves and Asimakis Tzamaloukas, "Reversing the Collision-Avoidance Handshake in Wireless Networks"
NS	J.J. Garcia-Luna-Aceves and Marcelo Spohn, "Transmission-Efficient Routing in Wireless Networks Using Link-State Information"
NZ	J.J. Garcia-Luna-Aceves and Ewerton L. Madruga, "The Core-Assisted Mesh Protocol", August 1999, IEEE Journal on Selected Areas in Communications, vol. 17, no. 8
US.	Ad Kamerman and Guido Aben, "Net Throughput with IEEE 802.11 Wireless LANs"
NS	J.R. McChesney and R.J. Saulitis, "Optimization of an Adaptive Link Control Protocol for Multimedia Packet Radio Networks"
20	Ram Ramanathan and Regina Rosales-Hain, "Topology Control of Multihop Wireless Networks using Transmit Power Adjustment"
NS	Ram Ramanathan and Martha E. Steenstrup, "Hierarchically-Organized, Multihop Mobile Wireless Networks for Quality-of-Service Support"
NZ	Martha E. Steenstrup, "Dynamic Multipoint Virtual Circuits for Multimedia Traffic in Multihop Mobile Wireless Networks"
VS	Zhenyu Tang and J.J. Garcia-Luna-Aceves, "Collision-Avoidance Transmission Scheduling for Ad-Hoc Networks"
2.V	George Vardakas and Wendell Kishaba, "QoS Networking With Adaptive Link Control and Tactical Multi-Channel Software Radios"

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.